



# 2000 Toxics Release Inventory

## CALIFORNIA

### Reported Releases and Waste Management Activities (in pounds)

	Original Industry	New Industry	Total
<b>On-site Releases</b>	33,572,997	30,830,257	64,403,254
Air Emissions	22,775,052	1,063,694	23,838,745
Surface Water Discharges	6,090,338	3,839	6,094,176
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	58,794	0	58,794
On-site Land Releases to RCRA Subtitle C Landfills	1,008,294	27,110,772	28,119,066
Other On-site Land Releases	3,640,519	2,651,953	6,292,472
Off-site Releases (Transfers Off-site to Disposal)*	6,387,266	4,818,825	11,206,092
<b>Total On- and Off-site Releases</b>	<b>39,960,263</b>	<b>35,649,083</b>	<b>75,609,346</b>
Recycled On-site	47,393,001	12,291,383	59,684,384
Recycled Off-site	86,854,367	1,524,193	88,378,559
Energy Recovery On-site	32,215,869	2,335	32,218,204
Energy Recovery Off-site	12,222,625	21,577,350	33,799,975
Treated On-site	136,305,121	4,458,928	140,764,049
Treated Off-site**	23,955,474	3,024,015	26,979,489
Quantity Released On- and Off-site***	46,399,592	42,395,509	88,795,101
<b>Total Production-related Waste Managed</b>	<b>385,346,048</b>	<b>85,273,713</b>	<b>470,619,761</b>
<b>Non-production-related Waste Managed</b>	<b>3,150,939</b>	<b>3,019</b>	<b>3,153,958</b>

### Transfers Off-site for Further Waste Management/Disposal

Recycling	80,415,534	1,621,601	82,037,135
Energy Recovery	10,154,198	19,724,861	29,879,059
Treatment	4,556,851	4,730,252	9,287,102
Publicly Owned Treatment Works (POTWs)	26,347,802	1,391,893	27,739,695
Metals and Metal Compounds*	72,292	681	72,973
Non-metal TRI Chemicals**	26,275,510	1,391,212	27,666,722
Other Off-site Transfers****	540	750	1,290
Transfers Off-site to Disposal (not including metals to POTWs)	8,920,667	5,123,753	14,044,419
<b>Total Transfers Off-site for Further Waste Management/Disposal</b>	<b>130,395,592</b>	<b>32,593,109</b>	<b>162,988,701</b>

\* Transfers to POTWs of metals and metal compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

\*\* Transfers to POTWs of non-metals are included in treated off-site waste management activity.

\*\*\* Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

\*\*\*\* Transfers reported without a valid waste management code.

### For More Information . . .

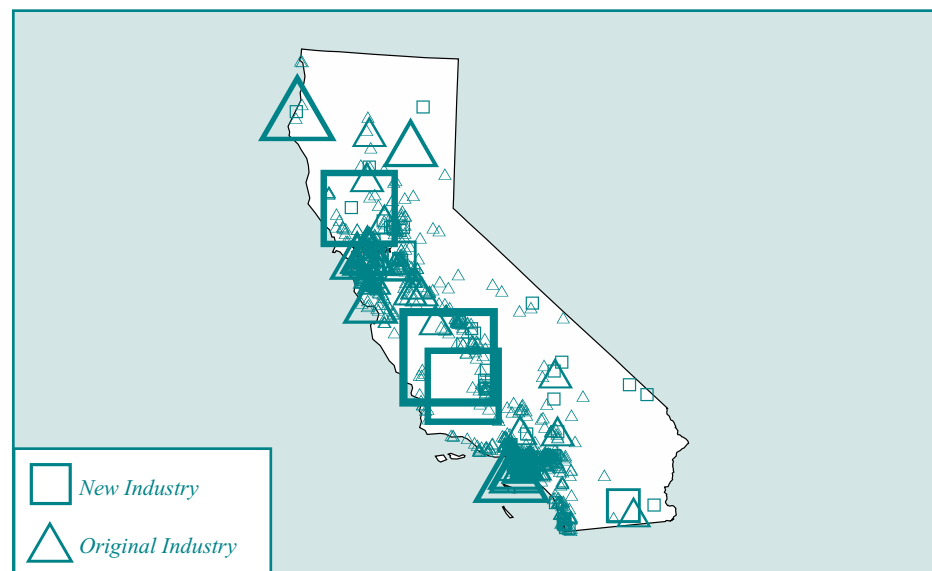
#### State Contact

P.O. Box 806  
Sacramento, CA 95812-0806  
Attn: Toxics Release Inventory  
(916) 324-3421  
Fax: (916) 324-1788

#### EPA Contact

Adam Browning  
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To obtain TRI data use  
assistance, call TRI User  
Support Service (TRI-US):  
(202) 566-0250  
Fax: (202) 401-2347  
tri.us@epa.gov



The largest marker in the state map represents the largest facility for on-site releases in the state of California. All markers are proportionally-sized to represent the on-site releases at each facility within this state.

### State/TRI Data

Population	34,000,446
Square Miles	155,973
Total Facilities	1,442
Total Forms	4,673
Form As	673

	Original Industry	New Industry	Total
<b>National Rank for Total On- and Off-site Releases*</b>			
Rank	21	23	27
Pounds	39,960,263	35,649,083	75,609,346
<b>National Rank for Total On-site Releases**</b>			
Rank	20	23	26
Pounds	33,572,997	30,830,257	64,403,254
<b>National Rank for Total Releases within State***</b>			
Rank	23	23	27
Pounds	38,216,464	31,014,412	69,230,876
<b>National Rank for Production-related Waste Managed</b>			
Rank	19	19	19
Pounds	385,346,048	85,273,713	470,619,761

\* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

\*\* Includes amounts released at the facility. Excludes amounts transferred to other sites.

\*\*\* Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



# 2000 Toxics Release Inventory

## CALIFORNIA

### On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
7664-41-7	Ammonia	7,367,509	64,252	31,245	1,975,881	110,416	9,549,303	0	4,078	106,340
1332-21-4	Asbestos (friable)	5	0	0	8,256,467	56,089	8,312,561	0	56,089	0
—	Nitrate compounds	3,134	3,926,038	250	1,423,288	512,573	5,865,283	0	181,334	331,239
1344-28-1	Aluminum oxide (fibrous forms)	5	0	0	4,257,074	0	4,257,079	0	0	0
67-56-1	Methanol	1,979,593	1,845,905	0	14,961	16,597	3,857,056	1,743	15,595	1,002

\* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

\*\* The chemical ranking is based on the amounts in this column.

### On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Mercury compounds	4,700.20	5.14	0.20	37,884.91	6,914.24	49,504.70	1.10	5,900.07	3,067.10
1336-36-3	Polychlorinated biphenyls (PCBs)	0.57	0.00	0.00	27,915.00	80.00	27,995.57	0.00	13.00	79.00
—	Polycyclic aromatic compounds	1,311.04	2,171.51	10,000.00	5,886.70	566.65	19,935.89	0.00	1,194.98	312.70
7439-97-6	Mercury	898.09	0.00	0.00	10,327.71	44.71	11,270.51	0.50	49.12	12.20
1582-09-8	Trifluralin	78.00	0.00	0.00	706.00	375.00	1,159.00	0.00	375.00	0.00
118-74-1	Hexachlorobenzene	2.51	0.01	0.00	610.00	0.00	612.52	0.00	0.00	0.00
79-94-7	Tetrabromobisphenol A	156.00	0.00	0.00	0.00	399.00	555.00	0.00	399.00	0.00
8001-35-2	Toxaphene	0.00	0.00	0.00	200.02	0.00	200.02	0.00	0.00	0.00
191-24-2	Benzo(g,h,i)perylene	51.91	14.20	0.00	34.36	40.09	140.56	0.00	40.58	0.01
57-74-9	Chlordane	0.00	0.00	0.00	31.74	0.00	31.74	0.00	0.00	0.00
76-44-8	Heptachlor	0.00	0.00	0.00	30.56	0.00	30.56	0.00	0.00	0.00
40487-42-1	Pendimethalin	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00
—	Dioxin and dioxin-like compounds	0.08	0.01	0.00	0.02	0.06	0.16	0.00	0.00	0.06
—	<i>Dioxin and dioxin-like compounds (in grams)</i>	<i>34.578</i>	<i>4.075</i>	<i>0.000</i>	<i>9.000</i>	<i>27.208</i>	<i>74.861</i>	<i>0.012</i>	<i>0.781</i>	<i>26.427</i>
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
608-93-5	Pentachlorobenzene	—***	—	—	—	—	—	—	—	—

\* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

\*\* The chemical ranking is based on the amounts in this column.

\*\*\* No reports were submitted for these chemicals.



# 2000 Toxics Release Inventory

## CALIFORNIA

### On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Chemical Waste Management Inc., Kettleman City, Kings	9,699	0	0	0	23,252,731	1	23,262,431	1,025	4,333
Safety-Kleen (Buttonwillow) Inc., Buttonwillow, Kern	1,279	0	0	0	3,224,736	34,204	3,260,219	0	0
McLaughlin Mine, Lower Lake, Lake	24,004	0	0	0	0	2,567,449	2,591,453	0	0
Chevron USA Prods. Co., El Segundo, Los Angeles	687,445	1,814,035	0	0	0	233	2,501,712	50,739	0
Samoa Pacific Cellulose L.L.C. Samoa Pulp Mill, Samoa, Humboldt	236,600	1,856,100	0	0	0	0	2,092,700	0	0
Valero Refining Co. California Benicia Refy., Benicia, Solano	717,919	620,792	0	0	0	0	1,338,711	2,566	12,839
AXT Inc., Fremont, Alameda	38,600	0	0	0	1,006,665	262,664	1,307,929	1,007,414	0
Chevron Prods. Co. Richmond Refy., Richmond, Contra Costa	662,354	568,369	0	0	0	0	1,230,723	246,231	10,923
Tosco Refining Co. Los Angeles Refy. Wilmington Plant, Wilmington, Los Angeles	1,191,775	0	0	0	0	0	1,191,775	162	7
ExxonMobil Oil Torrance Refy., Torrance, Los Angeles	1,106,872	506	0	0	0	0	1,107,378	106,380	444

\* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

### On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Chemical Waste Management Inc., Kettleman City, Kings	1.10	0.00	0.00	0.00	36,333.26	0.00	36,334.36	0.00	11.00
McLaughlin Mine, Lower Lake, Lake	0.95	0.00	0.00	0.00	0.00	31,219.00	31,219.95	0.00	0.00
Edgington Oil Co., Long beach, Los Angeles	10.00	0.00	0.00	10,000.00	0.00	0.00	10,010.00	0.00	5.00
Viceroy Gold Corp. Castle Mountain Mine, Ivanpah, San Bernardino	16.95	0.00	0.00	0.00	0.00	6,600.00	6,616.95	0.00	0.00
Safety-Kleen (Buttonwillow) Inc., Buttonwillow, Kern	1.00	0.00	0.00	0.00	4,405.02	489.00	4,895.02	0.00	0.00
Calaveras Cement Co., Tehachapi, Kern	2,580.00	0.00	0.00	0.00	0.00	0.00	2,580.00	0.00	0.00
Koppers Inds. Inc., Oroville, Butte	11.50	2,003.80	0.00	0.00	0.00	0.00	2,015.30	0.00	6.30
Hayden Hill Mine, Adin, Modoc	0.00	0.00	0.00	0.00	0.00	2,000.00	2,000.00	0.00	0.00
Newmont Mining Corp. Mesquite Mine, Brawley, Imperial	0.40	0.00	0.00	0.00	0.00	1,286.90	1,287.30	0.00	0.00
Masonite Corp., Ukiah, Mendocino	815.00	0.00	0.00	0.00	0.00	0.00	815.00	0.00	0.00

\* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



# 2000 Toxics Release Inventory

# CALIFORNIA

## Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Chemical Waste Management Inc., Kettleman City, Kings	0	1,788	0	1,376	0	5,200	23,262,380	23,270,744	0
Onyx Environmental Services L.L.C, Azusa, Los Angeles	1,965,767	0	0	4,825,881	0	426,135	5,252,027	12,469,810	95
DK Environmental Inc., Vernon, Los Angeles	0	282,897	0	643,763	1,326,000	2,106,771	4,602,117	8,961,548	0
Safety-Kleen (Buttonwillow) Inc., Buttonwillow, Kern	0	0	0	0	0	0	3,257,704	3,257,704	0
McLaughlin Mine, Lower Lake, Lake	0	0	0	0	530,000	0	2,590,920	3,120,920	0
Chevron USA Prods. Co., El Segundo, Los Angeles	0	4,712	0	0	3,892,967	23,463	2,551,687	6,472,829	1,212
Samoa Pacific Cellulose L.L.C. Samoa Pulp Mill, Samoa, Humboldt	0	0	2,700,000	0	269,600	0	2,135,800	5,105,400	0
U. S. Filter Recovery Services (CA) Inc., Vernon, Los Angeles	0	648,889	0	0	877,910	279	1,536,723	3,063,801	0
Chevron Prods. Co. Richmond Refy., Richmond, Contra Costa	0	11,139	0	0	613,695	0	1,517,834	2,142,668	0
Hilmar Cheese Co. Inc., Hilmar, Merced	0	0	0	0	315,000	0	1,517,470	1,832,470	0

\* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

## Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production-related Waste Managed Pounds	Total Non-Production-related Waste Managed Pounds
Chemical Waste Management Inc., Kettleman City, Kings	0	1,787	0	0	0	2,316	36,346	40,449	0
McLaughlin Mine, Lower Lake, Lake	0	0	0	0	0	0	31,220	31,220	0
USS-Posco Inds., Pittsburg, Contra Costa	0	49	0	0	0	0	8,066	8,115	0
Safety-Kleen (Los Angeles) Inc., Los Angeles, Los Angeles	0	3,904	0	0	0	0	7,181	11,086	0
Viceroy Gold Corp. Castle Mountain Mine, Ivanpah, San Bernardino	0	0	0	0	0	0	6,617	6,617	0
Safety-Kleen (Buttonwillow) Inc., Buttonwillow, Kern	0	0	0	0	0	0	4,897	4,897	0
Calaveras Cement Co., Tehachapi, Kern	0	0	0	0	0	0	2,580	2,580	0
Koppers Inds. Inc., Oroville, Butte	0	0	0	0	1,206	131	2,010	3,346	0
Hayden Hill Mine, Adin, Modoc	0	0	0	0	0	0	2,000	2,000	0
Newmont Mining Corp. Mesquite Mine, Brawley, Imperial	0	0	0	0	0	0	1,287	1,287	0

\* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.